

Product Datasheet

Pyrimidyl-Tetrazine-5-TAMRA (orb572641)

Description	Pyrimidyl-Tetrazine-5-TAMRA
Form/Appearance	solid; Color: pink to red
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{exc} 545 nm, λ_{em} 575 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5) (after click reaction).
Formula	C ₄₁ H ₃₆ N ₁₀ O ₅
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 748.80 g/mol; Detected MW: 748.29 g/mol
SMILES	<chem>c1cc(cc2c1c(c1c(o2)cc(=[N+](C)C)cc1)c1c(cc(cc1)C(=O)NCCCNC(=O)c1ccc(cc1)c1nnc(nn1)c1ncccn1)C(=O)[O-])N(C)C</chem>
Solubility (25°C)	DMF, DMSO, MeOH, water, slightly soluble in DCM
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.